UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

September 22, 2004

Memorandum

To: Margaret Stasikowski, Director, Health Effects Division

Steven Bradbury, Director, Environmental Fate and Effects Division

From: Debbie Edwards, Director, Special Review and Reregistration Division

Subject: Carbofuran Use Closure Memo

This memo serves as the Carbofuran Use Closure Memo and clarifies to the best of the Agency's ability carbofuran's uses and use rates to be incorporated in carbofuran RED risk assessments. Carbofuran is an insecticide and nematicide used on many food crops (mainly corn and alfalfa) and on select non-food uses such as ornamentals and tobacco.

BEAD compiled uses and produced tables A2 and A3 using all active SLNs and current Section 3 labels. Comments obtained from Don Carlson of FMC, the only registrant of carbofuran, were also considered. Recent changes include: label changes on the Furadan10G label eliminating cranberry use in Washington and cancellation of the SLN- OR830026 for cranberry and SLN-ND850006 for flax. Rates on potatoes reflect SLN use rates (WA910006, OR910006, ID910007 and CO920001), but non-SLN areas should follow the rates on the Section 3 label.

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SITE NAME	LIMITATIONS		_		_			
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)		
ALFALFA	28 day(s) preharves Do not apply directl intertidal areas below Do not apply throug Do not contaminate Do not contaminate Do not store or use in Drift and runoff may Endangered species Groundwater restrict Rotational/plant bac This pesticide is hig blooming crops or we crops or weeds if be This product is high	28 day(s) pregrazing interval. 28 day(s) preharvest interval. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash wa Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed.						
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	1 lb A	NS	1/cc NS	NS	48 h			
Prebloom Low volume spray (concentrate)/Spray Aircraft/Ground	1 lb A	NS	1/cc NS	NS	48 h			
ARTICHOKE		21 day(s) preharvest interval. Geographic allowable: CA						
Foliar Spray Ground	1 lb A	NS	2/cc NS	30	24 h			
BANANA	Do not store or use i	Do not apply directly to water. Do not store or use in or around the home or home garden. Endangered species restriction.						

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	Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: HI PR						
At planting Bore-hole treatment/Soil treatment Not on label	.004409 lb hole .006173 lb unit	NS	3/cc NS	120	24 h		
Established plantings Broadcast/Soil treatment Not on label	.009259 lb unit	NS	3/cc 2/1 yr	AN	24 h		
BARLEY	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not feed forage from treated areas. Do not feed treated forage to livestock. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CO NE SD Geographic disallowable: Other						
At planting	.01563 lb 1K	NS	NS	NS	48 h		

SITE NAME	LIMITATIONS						
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)	
Soil in-furrow treatment/Soil in-furrow treatment (drill) Drill box/Microtube/Sprayer	linear ft		NS				
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	.25 lb A	NS	2/cc NS	NS	48 h		
COFFEE	Do not apply directly to water. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: PR						
Established plantings Soil incorporated treatment/Soil treatment Not on label/Soil incorporation equipment	.003307 lb tree	NS	NS 2/1 yr	NS	24 h		
Nurserystock Broadcast/Soil treatment Not on label	1.102E-04 lb plant	NS	NS 2/1 yr	NS	24 h		
Postplant Broadcast/Soil treatment Not on label/Soil incorporation equipment	.001543 lb plant	NS	NS 2/1 yr	NS	24 h		
Seed bed Soil incorporated treatment/Soil treatment Not on label/Soil incorporation equipment	.001653 lb sq.m	NS	NS 2/1 yr	NS	24 h		
CORN (UNSPECIFIED)	30 day(s) preharvest interval. Do not apply through any type of irrigation system. Geographic allowable: LA						
At planting Soil in-furrow treatment Sprayer	.077 lb 1K linear ft	NS	NS NS	NS	NS		

SITE NAME	LIMITATIONS					
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)
Foliar Basal spray treatment/Spray Aircraft/Ground/High volume ground sprayer	.5005 lb A	NS	2/cc NS	NS	NS	
CORN, FIELD	Do not contaminate of Do not store or use in Do not use on soils of Drift and runoff may Endangered species of Groundwater restrict Rotational/plant back Runoff from treated of This pesticide is high	interval. g interval. g interval. g interval (for to water, or to water. h any type or water by clea water, food, h or around ontaining m be hazardor restriction. c crop restric areas may be haly toxic to be eds. Do no es are visitin y toxic to bi r drinking or e: LA MS	r to areas whigh water not are an ing of equations or feed by some than 10 as to aquation the hazardous bees expose the treatments, fish, are treated are	system. uipment of storage or home ga or organis to aquate d to direct pesticide nent area. and other weas may be	or disposal r disposal arden. matter. ms in nei ic organis et treatme or allow	al of equipment wash waters. ghboring areas. sms in neighboring areas. ent or to residues on it to drift to blooming
At planting Soil band treatment/Soil in-furrow treatment/Soil sidedress treatment Ground/Soil injector equipment/Sprayer	.07813 lb 1K linear ft	NS	2/cc NS	NS	48 h	
Foliar Basal spray treatment/Broadcast/Low volume spray (concentrate)/Spray	1 lb A	NS	2/cc NS	14	14 d	

Rate to a Single Seasonal Apps/ Rate or a Single Seasonal Apps/ Rate or & Single Seasonal Apps	SITE NAME	LIMITATIONS						
O7813 lb 1K NS	Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Rate to a Single	Seasonal	Apps/	MRI	REI	Use Limitations (May not	
Solid band treatment/Soil sidedress treatment Soil band treatment/Soil sidedress Soil band treatment soil sinjector equipment/Sprayer Soil band treatment/Soil sidedress Soil band trea	Aircraft/Ground/High volume ground sprayer							
linear ft NS	Postemergence Soil band treatment/Soil sidedress treatment Ground/Sprayer	linear ft	NS		NS	48 h		
Broadcast fround 30 day(s) pregrazing interval. Do not apply directly to water, or to areas where surface water is present or to intertical areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash wat Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic disallowable: Other At planting oil band treatment/Soil in-furrow treatment/Soil sidedress reatment oil injector equipment/Sprayer	Postplant Basal spray treatment Sprayer		NS		NS	14 d		
Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash wat Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic disallowable: Other At planting foil band treatment/Soil in-furrow treatment/Soil sidedress reatment foil injector equipment/Sprayer	Whorl Broadcast Ground	1 lb A	NS		NS	14 d		
Soil band treatment/Soil in-furrow treatment/Soil sidedress linear ft NS reatment Soil injector equipment/Sprayer	COKN, POP	Do not apply directle intertidal areas below Do not apply throug Do not contaminate Do not contaminate Do not store or used Drift and runoff may Endangered species Groundwater restrict Rotational/plant back This pesticide is high blooming crops or weeds if be This product is high waterfowl, feeding of	by to water, of which the mean light any type of water by cle water, food, in or around by be hazardo restriction. The control of the water of the weeds. Do not see are visitingly toxic to bor drinking of the water of the wate	nigh water of irrigation raning of equations or feed by the home of the home o	mark. system. quipment storage o or home g ic organis ed to direct spesticide ment area nd other v	or disposa r disposa arden. sms in ne ct treatme e or allow wildlife. I	al of equipment wash waters l. ighboring areas. ent or to residues on vit to drift to blooming Birds, especially	
Ostemergence 07813 lb 1K NS NS NS 48 h	At planting Soil band treatment/Soil in-furrow treatment/Soil sidedress treatment Soil injector equipment/Sprayer		NS		NS	48 h		
1.0/013 to 117 140 140 10 II	Postemergence	.07813 lb 1K	NS	NS	NS	48 h		

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Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)		
Basal spray treatment/Soil band treatment/Soil sidedress treatment Sprayer	linear ft		NS					
CORN, SWEET	Do not contaminate Do not store or use i Drift and runoff may Endangered species Groundwater restrict Rotational/plant bac This pesticide is high	y to water, of the mean I hany type of water by clewater, food, nor around the hazardorestriction. It is crop restriction. It is crop restriction to be are visitingly toxic to both drinking of the mean of the m	nigh water if irrigation raning of eq or feed by the home of us to aquation to a ction. bees exposed tapply this ing the treatment on treated around the contract of the cont	mark. system. uipment storage o r home ga ic organis ed to direct pesticide nent area nd other v	or disposa r disposa arden. ems in ne et treatme e or allow	al of equipment wash waters. l. ighboring areas. ent or to residues on vit to drift to blooming Birds, especially		
At planting Soil band treatment/Soil in-furrow treatment/Soil sidedress treatment Soil injector equipment/Sprayer	.07813 lb 1K linear ft	NS	NS NS	NS	48 h			
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	.5 lb A	.5 lb A NS 2/cc NS 14 d 7 day(s) preharvest interval.						
COTTON (UNSPECIFIED)	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash Do not contaminate water, food, or feed by storage or disposal. Do not feed treated forage to livestock.							

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Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)	
	Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic disallowable: Other						
At planting Soil in-furrow treatment Sprayer	.07813 lb 1K linear ft	NS	NS NS	NS	48 h	Do not feed forage from treated areas.	
CUCUMBER	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: AL DE IA IL IN MI MO NJ OH OK PA SC Southeast TX V Geographic disallowable: Other						
At planting	(L)	NS	1/cc	NS	48 h		

SITE NAME	LIMITATIONS		_			
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)
Soil band treatment/Soil in-furrow treatment/Soil incorporated treatment/Soil treatment (T-banding) Granule applicator/Ground/Injection equipment/Soil incorporation equipment/Sprayer			NS			
Foliar Soil band treatment Spreader	.225 lb 1K linear ft	NS	NS NS	NS	48 h	
Transplant Soil in-furrow treatment Granule applicator/Ground	.1125 lb 1K linear ft	NS	NS NS	NS	48 h	
GRAPES	200 day(s) preharvest interval. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Do not use for food or feed. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CA					
Containerized Soil drench treatment Drencher	6.249E-04 lb container	NS	NS NS	NS	48 h	
Foliar	10 lb A	NS	NS	NS	48 h	

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Soil incorporated treatment Sprayer			1/1 yr			
Postharvest Chemigation Drip irrigation	6 lb A	NS	1/cc NS	NS	NS	
Preharvest Chemigation Drip irrigation	3 lb A	NS	NS NS	NS	NS	60 day(s) preharvest interval.
MELONS	Do not contaminate Do not store or use in Drift and runoff may Endangered species Groundwater restrict Rotational/plant back Runoff from treated This pesticide is high blooming crops or weeds if be This product is high waterfowl, feeding of	w the mean he to water. It is to water by cle water, food, nor around to be hazardo restriction. It is crop restriction. It is to be to water by toxic to be are visitingly toxic to be or drinking of le: AL DE	f irrigation aning of eq or feed by the home of us to aquation to a control of the home of	system. uipment of storage of r home gastic organisms to aquate a do direct pesticides and other weas may be system.	or disposa r disposa arden. ems in nei cic organi et treatme e or allow wildlife. I	al of equipment wash waters. l. ighboring areas. sms in neighboring areas. ent or to residues on it to drift to blooming Birds, especially
At planting Soil band treatment/Soil in-furrow treatment/Soil incorporated treatment/Soil treatment (T-banding) Granule applicator/Ground/Injection equipment/Soil incorporation equipment/Sprayer	(L)	NS	1/cc NS	NS	48 h	

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Foliar Soil band treatment Spreader	.225 lb 1K linear ft	NS	NS NS	NS	48 h			
Transplant Soil in-furrow treatment Granule applicator/Ground	.1125 lb 1K linear ft	NS	NS NS	NS	48 h			
MELONS, WATER	Do not store or use in Endangered species Groundwater restrict Rotational/plant back Runoff from treated	Do not apply directly to water. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: OR						
At planting Soil band treatment Soil incorporation equipment	.225 lb 1K linear ft	NS	NS NS	NS	48 h			
OATS	Do not contaminate Do not feed forage f Do not feed treated f Do not store or use i Drift and runoff may Endangered species Groundwater restrict Rotational/plant bac Runoff from treated This pesticide is hig	w the mean he to water. It is to water by cle water, food, from treated a forage to live in or around by be hazardorestriction. It is crop restriction. It is crop restriction areas may be hely toxic to leveeds. Do no	f irrigation aning of eq or feed by areas. estock. the home o us to aquatication. e hazardous bees expose t apply this	system. uipment storage o r home g c organis s to aquat ed to dire- pesticide	or disposar disposa arden. sms in nei	al of equipment wash waters. l. ighboring areas. sms in neighboring areas.		

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	This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CO NE SD Geographic disallowable: Other						
At planting Soil in-furrow treatment/Soil in-furrow treatment (drill) Drill box/Microtube/Sprayer	.01563 lb 1K linear ft	NS	NS NS	NS	48 h		
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	.25 lb A	NS	2/cc NS	NS	48 h		
PEPPER	21 day(s) preharvest interval. 28 day(s) preharvest interval. Do not allow rinse water to contaminate streams, ponds and lakes, as water life may be endangered. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash water Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: AZ NM TX						
At planting Soil in-furrow treatment/Soil sidedress treatment Ground/Not on label/Sprayer	2 lb A	NS	2/cc NS	28	48 h		

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Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)			
Foliar Soil sidedress treatment Ground	1.5 lb A	NS	2/cc NS	NS	48 h				
Postplant Soil sidedress treatment Not on label	3 lb A	NS	1/cc NS	28	48 h				
PLANTAIN	Do not store or use Endangered species Groundwater restric Rotational/plant bac Runoff from treated	Do not apply directly to water. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: PR							
At planting Bore-hole treatment/Soil treatment Not on label	.006173 lb unit	NS	3/cc NS	120	24 h				
Established plantings Broadcast/Soil treatment Not on label	.009259 lb unit	NS	3/cc NS	AN	24 h				
POTATO, WHITE/IRISH	Do not apply direct intertidal areas belo Do not apply direct Do not apply throug Do not contaminate Do not contaminate Do not store or use Drift and runoff ma Endangered species Groundwater restrict Rotational/plant back	14 day(s) preharvest interval. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash water to not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.							

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	blooming crops or w crops or weeds if bee This product is highly waterfowl, feeding of Geographic allowable	This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CO ID OR WA All other geographic areas use the Sec. Label rate of 2 lb A							
At planting Soil band treatment/Soil sidedress treatment Shank/Sprayer	3 lb A	NS	NS NS	NS	NS				
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	1 lb A	1 lb/cc	3/cc NS	NS	48 h				
Postemergence Soil band treatment/Soil injection treatment Soil injector equipment/Sprayer	3 lb A	NS	NS NS	NS	48 h				
PUMPKIN	Do not contaminate of Do not store or use in Drift and runoff may Endangered species Groundwater restrict Rotational/plant back Runoff from treated This pesticide is high	w the mean by to water. In any type of water by cle water, food, on or around to be hazardorestriction. It is crop restriction areas may be haly toxic to reeds. Do not see are visitingly toxic to be	of irrigation eaning of eq., or feed by the home of th	system. quipment storage or home gric organis s to aquated to direct pesticidement area and other views.	or disposa r disposa arden. ems in ne cic organi et treatme e or allow	al of equipment wash waters. I. ighboring areas. isms in neighboring areas. ent or to residues on vit to drift to blooming Birds, especially			

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	Geographic allowable: AL DE IA IL IN MI MO NJ OH OK PA SC Southeast TX Geographic disallowable: Other							
At planting Soil band treatment/Soil in-furrow treatment/Soil incorporated treatment/Soil treatment (T-banding) Granule applicator/Ground/Injection equipment/Soil incorporation equipment/Sprayer	(L)	NS	1/cc NS	NS	48 h			
Foliar Soil band treatment Spreader	.225 lb 1K linear ft	NS	NS NS	NS	48 h			
Transplant Soil in-furrow treatment Granule applicator/Ground	.1125 lb 1K linear ft	NS	NS NS	NS	48 h			
SMALL GRAINS (UNSPECIFIED)	Do not apply directly to water. Do not apply through any type of irrigation system. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: WY							
At planting Soil in-furrow treatment Drill box	.01563 lb 1K linear ft	NS	NS NS	NS	48 h			
SORGHUM	30 day(s) pregrazing interval. 30 day(s) preharvest interval (forage, fodder). 30 day(s) preharvest interval. 75 day(s) pregrazing interval. 75 day(s) preharvest interval (forage). 75 day(s) preharvest interval (forage, fodder). 75 day(s) preharvest interval. Do not apply directly to water.							

SITE NAME	LIMITATIONS							
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)		
	Do not apply through any type of irrigation system. Do not apply where runoff is likely to occur. Do not contaminate water, food or feed. Do not graze livestock in treated areas. Do not graze or feed forage or hay from treated areas to livestock. Do not harvest for livestock feed prior to crop maturity. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: AL AR KS LA MO MS NE OK TX							
At planting Soil band treatment/Soil in-furrow treatment/Soil injection treatment Ground/Sprayer	.077 lb 1K linear ft (L)	NS	2/cc NS	NS	48 h			
Foliar Basal spray treatment/Low volume spray (concentrate)/Spray Aircraft/Ground/High volume ground sprayer	.5005 lb A .5 lb/20 gal	NS	2/cc NS	AN	48 h	Do not graze treated areas or harvest for forage or hay.		
SORGHUM (UNSPECIFIED)	75 day(s) pregrazing interval. 75 day(s) preharvest interval (forage, fodder). 75 day(s) preharvest interval. Do not apply directly to water. Do not apply through any type of irrigation system. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: NM TN TX							
Foliar Low volume spray (concentrate)/Spray	.5 lb A	NS	NS NS	AN	48 h			

SITE NAME	LIMITATIONS								
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)			
Aircraft/Ground									
SOYBEANS (UNSPECIFIED)	21 day(s) preharvest interval. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not graze or feed forage or hay from treated areas to livestock. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic disallowable: Other								
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	.25 lb A	NS	2/cc NS	NS	48 h				
SPINACH	Do not apply directly to water. Do not store or use in or around the home or home garden. Do not use for food or feed. Endangered species restriction. Groundwater restriction. Grown for seed only. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: WA								
At planting Soil in-furrow treatment	.06281 lb 1K linear ft	1.95 lb/cc	NS NS	NS	48 h				

SITE NAME	LIMITATIONS						
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)	
Granule applicator							
SQUASH (ALL OR UNSPECIFIED)	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: AL DE IA IL IN MI MO NJ OH OK PA SC Southeast TX VA Geographic disallowable: Other						
At planting Soil band treatment/Soil in-furrow treatment/Soil incorporated treatment/Soil treatment (T-banding) Granule applicator/Ground/Injection equipment/Soil incorporation equipment/Sprayer	(L)	NS	1/cc NS	NS	48 h		
Foliar Soil band treatment Spreader	.225 lb 1K linear ft	NS	NS NS	NS	48 h		
Transplant Soil in-furrow treatment Granule applicator/Ground	.1125 lb 1K linear ft	NS	NS NS	NS	48 h		
SUGAR BEET	90 day(s) preharvest	t interval.					

SITE NAME	LIMITATIONS							
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)		
	Do not apply directly to water. Do not apply through any type of irrigation system. Do not store or use in or around the home or home garden. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Geographic allowable: ID NE OR TX							
At planting Soil band treatment Sprayer	.075 lb 1K linear ft	.075 lb/cc	NS NS	NS	48 h			
Foliar Soil band treatment Ground/Sprayer	2 lb A	2 lb/cc	1/cc NS	NS	48 h			
Postemergence Soil band treatment Sprayer	.075 lb 1K linear ft	.075 lb/cc	NS NS	NS	48 h			
SUGARCANE	17 day(s) preharvest interval. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed.							

SITE NAME	LIMITATIONS									
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)				
	Geographic disallow	Geographic disallowable: HI Other								
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	.75 lb A	NS	2/cc NS	NS	48 h					
SUNFLOWER	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic disallowable: Other									
At planting Soil in-furrow treatment Sprayer	.07813 lb 1K linear ft	NS	NS NS	NS	48 h					
Prebloom Low volume spray (concentrate)/Spray Aircraft/Ground	.5 lb A	NS	2/cc NS	AN	14 d	28 day(s) preharvest interval.				
WHEAT	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal.									

SITE NAME	LIMITATIONS							
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)		
	Do not feed treated to Do not store or use in Drift and runoff may Endangered species Groundwater restrict Rotational/plant back Runoff from treated This pesticide is high blooming crops or weeds if be This product is high waterfowl, feeding of	Do not feed forage from treated areas. Do not feed treated forage to livestock. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CO NE SD						
At planting Soil in-furrow treatment/Soil in-furrow treatment (drill) Drill box/Microtube/Sprayer	.01563 lb 1K linear ft	NS	NS NS	NS	48 h			
Foliar Low volume spray (concentrate)/Spray Aircraft/Ground	.25 lb A	NS	2/cc NS	NS	48 h			

PRODUCT NUMBERS CONTAINED IN THIS REPORT

000279-02712, 000279-02874, 000279-02876, 000279-02922, 000279-03023, AL880003, AL94000200, AR81005100, AR81005200, AZ91000100, CA86003700, CA94000500, CA98001100, CA98001200, CO92000100, CO92000200, DE83000400, DE93000100, IA93000100, ID91000700, ID92000200, IL98000200, IL98000300, IN83000100, IN93000100, KS88000100, KS88000200, LA00000900, LA91001800, MI82002500, MI93000100, MO79000600, MO81002400, MO86000300, MO93000200, MS82002000, NC80000300, ND85000600, NE88000300, NE92000600, NE92000900, NE95000100, NJ98000400, NM78001500, NM98000200, OH83000200, OH93000100, OK81001200, OK93000900, OR83001600, OR83002600, OR91000600, OR92001400, PA84000500, PA94000100, PR85000100, PR96000300, SC79002600, SC94000500, SD90001300, TN84000400, TX03000200, TX78000400, TX81000600, TX93000800, TX93001100, VA93000100, WA91000600, WY90000300

HOMEOWNER PRODUCTS CONTAINED IN THIS REPORT

None

HEADER ABBREVIATIONS

Site Name - The site name refers to the entity (crop, building, surface or article) where a pesticide is applied and/or which is being protected.

Limitations - Precautionary statements related to the use of the product(s).

Application Timing - The timing of pesticide application and is the primary application sort (not aggregated).

Application Type - The type of pesticide application (aggregated).

Application Equipment - The equipment used to apply pesticide (aggregated).

Max. Single Appl. Rate to a Single Site - Maximum Dose for a single application to a single site. System calculated.

Max Seasonal Rate - The maximum amount of pesticide that can be applied to a site in one growing season (/cc) and during the span of one year (/yr).

Max. # Apps/cc & yr - Maximum Number of Applications per crop cycle and per year.

MRI - Minimum Retreatment Interval (days) (at any rate). The minimum interval between pesticide application (days).

R E I - ReEntry Interval - The minimum amount of time that must elapse before workers can reenter a treated area.

PHI/PGI/PSI Use Limitations (May not apply to all Reg.#s) - Preharvest/Pregrazing/Preslaughter Interval use limitations pertinent to the application.

Current As Of: - The label data for the listed products in this report is current of this date.

ABBREVIATIONS

AN - As needed

NA - Not Applicable

NS - Not Specified (on label)

(L) - The dosage information provided is from the label in terms of product (e.g., ounces, gallons, or pounds of the product) because there was insufficient information (e.g., missing density, area, or active ingredient percentages) to provide converted dosage information. This report provides active ingredient percentage in the product for the reported chemical for all unconverted label dosage information if this information is available. This active ingredient percentage information is displayed next to the form code abbreviations (e.g., 80% WP).

APPLICATION RATE

cwt : Hundred Weight

nnE-xx: nn times (10 power -xx), for instance, "1.234E-04" is equivalent to ".0001234"

End of Report

For questions and comments please contact the OPP Label Data Team through e-mail.

SITE NAME	LIMITATIONS	LIMITATIONS									
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)					
AGRICULTURAL FALLOW/IDLELAND	Do not apply directly intertidal areas below Do not apply through Do not contaminate who Do not contaminate who Do not feed or graze Do not feed treated for Do not store or use in Drift and runoff may Endangered species and Groundwater restrict Rotational/plant back This pesticide is high blooming crops or weeds if been This pesticide is toxi This product is highly intertional plant back and the pesticide is toxi This product is highly intertional plant back.	Do not allow livestock to graze treated foliage. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not feed or graze animals on treated areas. Do not feed treated forage to livestock. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This pesticide is toxic to wildlife. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: WV									
Foliar Low volume spray (concentrate) Aircraft	.1875 lb A	NS	NS NS	NS	48 h						
ORNAMENTAL AND/OR SHADE TREES	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.										

SITE NAME	LIMITATIONS								
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)			
	This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CA OR Geographic disallowable: Other								
Containerized Soil drench treatment Drencher	6.249E-04 lb container 3.906E-05 lb in. pot	NS	1/cc NS	NS	48 h				
Foliar Drench/High volume spray (dilute)/Soil drench treatment Drencher/High volume ground sprayer	10 lb A	NS	NS NS	NS	48 h				
Transplant Broadcast Not on label	1.302E-04 gal seedling	NS	NS NS	NS	48 h				
ORNAMENTAL HERBACEOUS PLANTS	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially								

SITE NAME	LIMITATIONS							
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)		
	waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CA OR Geographic disallowable: Other							
Containerized Soil drench treatment Drencher	6.249E-04 lb container 3.906E-05 lb in. pot	NS	1/cc NS	NS	48 h			
Foliar Drench/High volume spray (dilute)/Soil drench treatment Drencher/High volume ground sprayer	10 lb A	NS	NS NS	NS	48 h			
ORNAMENTAL NONFLOWERING PLANTS	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CA OR Geographic disallowable: Other							
Containerized Soil drench treatment Drencher	6.249E-04 lb container 3.906E-05 lb in. pot	NS	1/cc NS	NS	48 h			

SITE NAME	LIMITATIONS								
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)			
Foliar Drench/High volume spray (dilute)/Soil drench treatment Drencher/High volume ground sprayer	10 lb A	NS	NS NS	NS	48 h				
ORNAMENTAL WOODY SHRUBS AND VINES	intertidal areas below Do not apply directly Do not apply throug Do not contaminate Do not contaminate Do not store or use i Drift and runoff may Endangered species Groundwater restrict Rotational/plant bac Runoff from treated This pesticide is high blooming crops or w crops or weeds if be This product is high waterfowl, feeding of Geographic allowab	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: CA OR Geographic disallowable: Other							
Containerized Soil drench treatment Drencher	6.249E-04 lb container 3.906E-05 lb in. pot	NS	1/cc NS	NS	48 h				
Foliar Drench/High volume spray (dilute)/Soil drench treatment Drencher/High volume ground sprayer	10 lb A	NS	NS NS	NS	48 h				
PINE (FOREST/SHELTERBELT)	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.								

SITE NAME	LIMITATIONS	LIMITATIONS							
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)			
	Do not store or use in Drift and runoff may Endangered species in Groundwater restrict Rotational/plant back This pesticide is high blooming crops or weeds if been This product is highl waterfowl, feeding o	Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Rotational/plant back crop restriction. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic disallowable: Other							
Pretransplant Dip treatment Dip tank	.03906 lb/.5 gal	NS	NS NS	NS	NS	Proper ventilation required.			
Root stock Dip treatment Dip tank	.03906 lb/.5 gal	NS	NS NS	NS	NS	Proper ventilation required			
TOBACCO	intertidal areas below Do not apply directly Do not apply through Do not contaminate w Do not contaminate w Do not contaminate w Do not store or use in Drift and runoff may Endangered species of Groundwater restrict Keep out of lakes, str Rotational/plant back Runoff from treated of This pesticide is high	Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply directly to water. Do not apply through any type of irrigation system. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Do not contaminate water, food or feed. Do not contaminate water, food, or feed by storage or disposal. Do not store or use in or around the home or home garden. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Endangered species restriction. Groundwater restriction. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Rotational/plant back crop restriction. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming							

SITE NAME	LIMITATIONS						
Application Timing (for any Reg.# at any rate) Application Type (for any Reg.# at any rate) Application Equipment (for any Reg.# at any rate)	Max. Single Appl. Rate to a Single Site	Max. Seasonal Rate	Max. # Apps/ cc & yr	MRI	REI	PHI/PGI/PSI Use Limitations (May not apply to all Reg. #s)	
	crops or weeds if bees are visiting the treatment area. This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Geographic allowable: MD TN VA Geographic disallowable: Other						
Not on label Broadcast Soil incorporation equipment	4 lb A	NS	NS NS	NS	48 h		
Prebedding Soil broadcast treatment Soil incorporation equipment	4 lb A	NS	NS NS	NS	48 h		
Preplant Broadcast Soil incorporation equipment	6 lb A	NS	NS NS	NS	48 h		
Pretransplant Soil broadcast treatment/Soil incorporated treatment Ground/Soil incorporation equipment	6 lb A	NS	NS NS	NS	48 h	Incorporate to a depth of 3 inches.	

PRODUCT NUMBERS CONTAINED IN THIS REPORT

000279-02712, 000279-02876, 000279-03023, CA83005800, MD81000800, OR83003600, TN79001200, VA78000600, VA79001400, WY03000200, WY98000600

HOMEOWNER PRODUCTS CONTAINED IN THIS REPORT

None

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Site Name - The site name refers to the entity (crop, building, surface or article) where a pesticide is applied and/or which is being protected.

Limitations - Precautionary statements related to the use of the product(s).

Application Timing - The timing of pesticide application and is the primary application sort (not aggregated).

Application Type - The type of pesticide application (aggregated).

Application Equipment - The equipment used to apply pesticide (aggregated).

Max. Single Appl. Rate to a Single Site - Maximum Dose for a single application to a single site. System calculated.

Max Seasonal Rate - The maximum amount of pesticide that can be applied to a site in one growing season (/cc) and during the span of one year (/yr).

Max. # Apps/cc & yr - Maximum Number of Applications per crop cycle and per year.

MRI - Minimum Retreatment Interval (days) (at any rate). The minimum interval between pesticide application (days).

R E I - ReEntry Interval - The minimum amount of time that must elapse before workers can reenter a treated area.

PHI/PGI/PSI Use Limitations (May not apply to all Reg.#s) - Preharvest/Pregrazing/Preslaughter Interval use limitations pertinent to the application.

Current As Of: - The label data for the listed products in this report is current of this date.

ABBREVIATIONS

AN - As needed

NA - Not Applicable

NS - Not Specified (on label)

(L) - The dosage information provided is from the label in terms of product (e.g., ounces, gallons, or pounds of the product) because there was insufficient information (e.g., missing density, area, or active ingredient percentages) to provide converted dosage information. This report provides active ingredient percentage in the product for the reported chemical for all unconverted label dosage information if this information is available. This active ingredient percentage information is displayed next to the form code abbreviations (e.g., 80% WP).

APPLICATION RATE

cwt : Hundred Weight

nnE-xx: nn times (10 power -xx), for instance, "1.234E-04" is equivalent to ".0001234"

End of Report

For questions and comments please contact the OPP Label Data Team through e-mail.